

For General Purpose and OEM Applications

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

LEAD FREE*

Series P60-M1
Miniature Plastic Water
Pressure Regulators

Size: 1/4" (8mm)

Series P60-M1 Miniature Plastic Water Pressure Regulators are ideal for applications where a small economical package is required. This series is also suitable for deionized water. Series P60-M1 features a balanced piston design for applications where a constant downstream and accurate flow performance is required.

Features

- Corrosion resistant thermoplastic body
- Compact design and lightweight construction
- All external components are made of NSF approved thermoplastics
- All internal rubber components such as disc, diaphragm and seals are all FDA grade elastomers
- All internal metal components in contact with fluid are of 300 series stainless steel
- Straight through or 90° inlet to outlet option (suffix 4 option)
- High capacity
- Bottom "clean out plug" for service

Options

add suffix:

- HC 3/4" (20mm) hose connection
- G 1/4" (8mm) 0-160 gauge
- S strainer
- 4 gauge port or 90° inlet to outlet
- QD quick disconnect for plastic tubing
- MK Mounting Kit

See Pressure-Temperature section for reduced pressure range options: 0-25psi, 0-60psi, or 0-125psi

Specifications

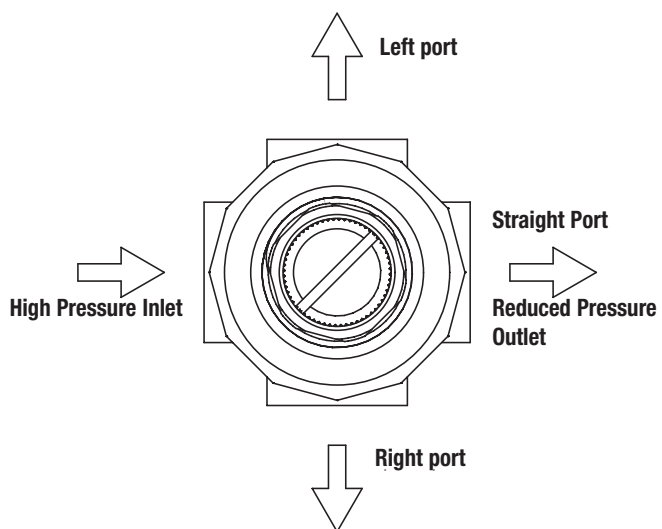
A miniature plastic water pressure regulator shall be installed where indicated on the plans. Regulator shall be corrosion resistant, compact and lightweight. Regulator shall be manufactured from NSF approved plastics and contain FDA grade internal rubber and metal parts. Regulator shall be a Watts Series P60-M1.



P60-M1

Top View

Standard valve furnished with straight port only. Suffix 4 option shown below provides additional left and right ports with two 1/4" NPT pipe plugs provided.



*The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.



Pressure – Temperature

Temperature Range: 33°F-150°F (0.5°C - 66°C)

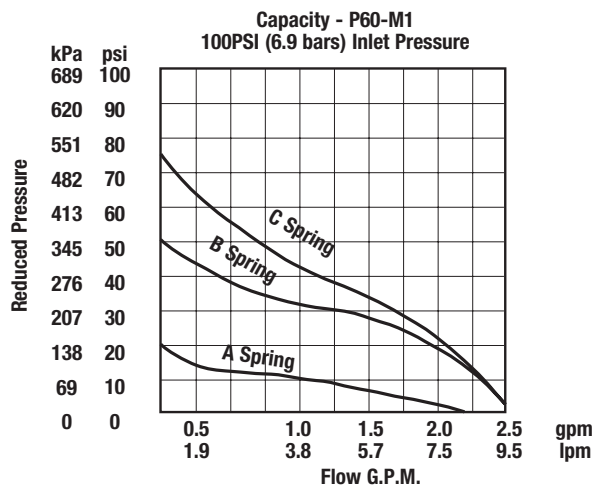
Maximum Inlet Pressure: 300psi (20.7 bar)

Reduced Pressure Range:

Reduced Pressure Range:

OPTION SUFFIX	RANGE	
	psi	Bar
A	0-25	0-1.76
B	0-60	0-4.22
C	0-125	0-8.79

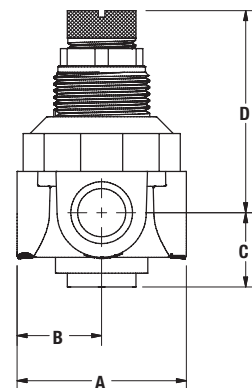
Capacity



NOTE: 1psi equals .07 bar
1 gpm equals 3.785 liters per minute

Dimensions - Weights

MODEL	SIZE (DN)		A		B		C		D MAX		D MIN		WEIGHT	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	lbs	kgs
P60-M1	1/4	8	1 9/16	40	3/4	19	1 1/16	17	2 3/16	56	2 3/4	70	.25	.11



Standards



Certified by NSF to NSF standard 61.

Materials

Body:	NSF grade Noryl® thermoplastic
Seat:	NSF grade PES (Poly-Ether-Sulfone)
Spring Cage:	NSF grade Acetal thermoplastic
Adjusting Screw:	NSF grade Acetal thermoplastic
Disc:	Buna-N (FDA)
Diaphragm:	Buna-N (FDA)
Bottom Plug:	P60:NSF grade Acetal thermoplastic
O-Ring Seals:	Buna-N (FDA)/EPDM (FDA)
Bottom Spring:	300 series stainless steel
Stem:	300 series stainless steel

Noryl® is a registered trademark of SABIC Innovative Plastics™.



A Watts Water Technologies Company



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